



THE DATASHEET OF BCX6916TA

SOT89 PNP SILICON PLANAR
MEDIUM POWER TRANSISTOR
ISSUE 2 – FEBRUARY 1995

FEATURES

- * High gain and low saturation voltage

COMPLEMENTARY TYPE – BCX68

PART MARKING DETAIL – BCX69
BCX69-16
BCX69-25

ABSOLUTE MAXIMUM RATINGS

PARAMETER	
Collector-Base Voltage	
Collector-Emitter Voltage	
Emitter-Base Voltage	
Peak Pulse Current	
Continuous Collector Current	
Power Dissipation at T _{amb} =25°C	
Operating and Storage Temperature Range	

ELECTRICAL CHARACTERISTICS

PARAMETER	SYMBOL	UNIT
Collector-Base Breakdown Voltage	V _{(BR)CBO}	V
Collector-Emitter Breakdown Voltage	V _{(BR)CEO}	V
Emitter-Base Breakdown Voltage	V _{(BR)EBO}	V
Collector Cut-Off Current	I _{CBO}	µA
Emitter Cut-Off Current	I _{EBO}	µA
Collector-Emitter Saturation Voltage	V _{CE(sat)}	V
Base-Emitter Turn-On Voltage	V _{BE(on)}	V
Static Forward Current Transfer Ratio	h _{FE}	58
	BCX69-16	16
Transition Frequency	f _T	1
	BCX69-25	25
Output Capacitance	C _{obo}	pF

*Measured under pulsed conditions. Pulse width 10µs, duty cycle 1%.
For typical characteristics graphs see FMM

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